

# **Data Management Dashboard**

*Prototyping Activity*

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# DM Dashboard Concept

External  
Portals &  
Catalogs

data.gov

GEO

GCMD

## Data Management Dashboard

- *Automatically compile statistics from NOAA Catalogs*
- *Detect/report problems*
- *Test feasibility of central catalog node*

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Local Catalogs  
& WAFs

UAF

IOOS

NCDC

NODC

NGDC

others...

Data Access  
Services

Data  
Sources

Satellite

Radar

Buoy

Ship

Fish

Sonar

Gauge

Chart

Model

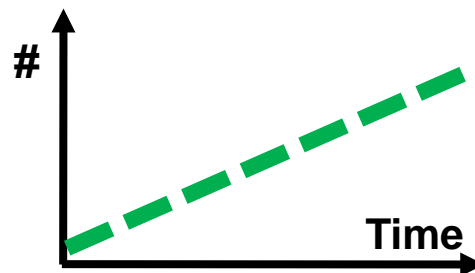
# NOAA Data Management Dashboard Roles

## 1: Know about metadata sources.

### DM Dashboard

- Local catalog #1
- Local catalog #2
- Metadata WAF #1
- Metadata WAF #2

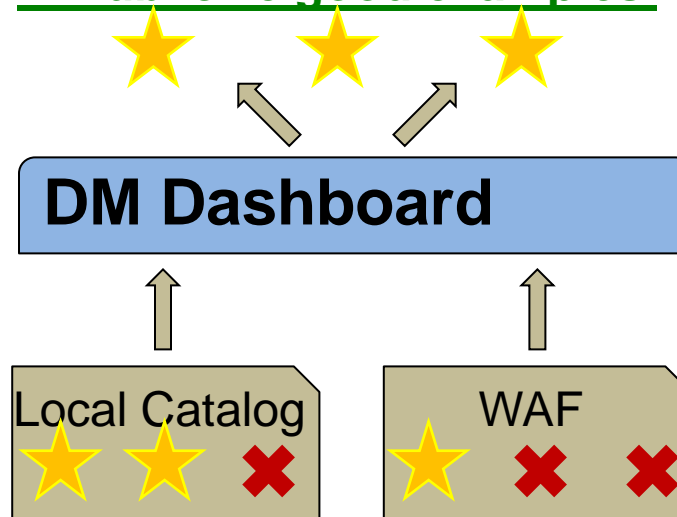
## 2: Produce summary reports.



## 3: Provide feedback to data providers.

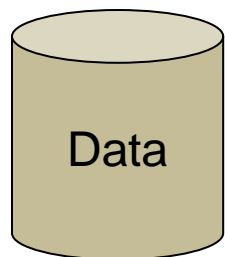
- ☒ • Metadata quality score
- ☒ • Server compatibility test

## 4: Publicize good examples.

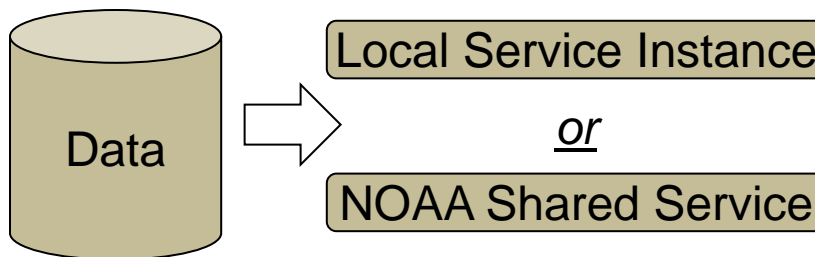


# Data Provider Roles

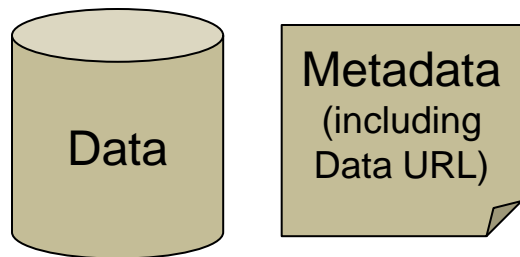
## 1: Obtain Data.



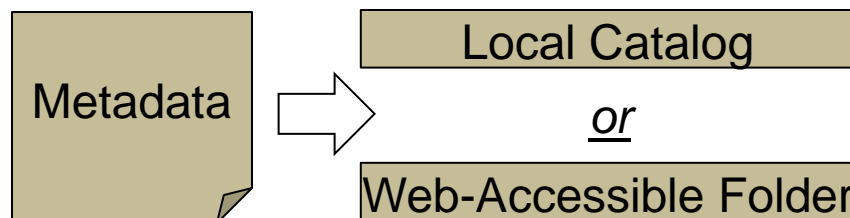
## 2: Make your data accessible on-line.



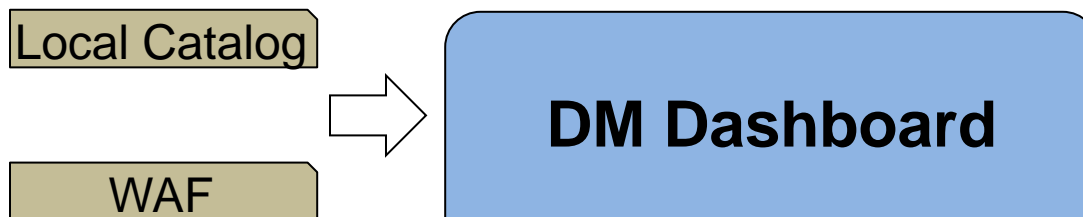
## 3: Document your Data well.



## 4: Make your metadata accessible.



## 5: Tell us where to find your metadata



# Notional Plan

- Begin prototyping activities now
- No money  $\Rightarrow$  in-house labor, best-effort basis
  - Jeff DLB: planning & management
  - Matt Austin: implementation & testing
  - existing Catalogs: Matt will work with you to get registered
  - data providers: improve metadata, serve data
  - DMIT members: provide expertise & collaboration
- Milestones
  - Feb-Mar: socialize idea, refine plan
  - May: briefing or demo at NOAA EDM Conference
  - July: briefing or demo at ESIP meeting

# Current Status

- Started initial testing of known Geoportal Servers
- Currently using FME to issue catalog requests, analyze responses, and publish to Google spreadsheet
- First metric: count of # of dataset records in each catalog